

Dear Calculus Teachers:

I am looking forward to our week together, an intensive week of calculus review, sharing of teaching ideas and materials and discussions of issues related to the teaching of AP Calculus including the AP exam. To assist in making this week a success, please bring the following with you:

1. Completed Calculus Institute Survey (enclosed).
2. Your pre-calculus and calculus textbooks and your course outline (if available).
3. Any special materials/worksheets etc. which you feel are especially helpful and worthy of sharing with the group. (No institute copying services are available.)
4. A graphing calculator of your choice and support materials. I will be using Texas Instruments (TI) calculators, the TI-84 and the TI-89, for demonstration purposes. Additionally, I plan to arrange for you to have access to the TI- 84 and TI-89 for the week through TI's workshop loan, if you are interested.

If you are a new or beginning calculus teacher, do not despair if you have few of the above items available to bring, just bring whatever you have. In particular, you will receive a packet of materials organized by teaching strategies, which you will be encouraged to cross-reference with your text and course outline. We shall be using numerous reform materials and emphasis will be on the changing world of questions and teaching strategies important to a successful AP course. You need to bring a large 3-ring notebook and paper for adding additional pages of your own notes and cross-references. The Calculus Institute Survey will be collected the first day of class. I use the information to get focused on your individual setting, needs and concerns, thereby attempting to maximize your institute experience. Bring comfortable, casual clothes, an umbrella (it always rains if you don't), perhaps a sweater if you freeze in air conditioning and some walking shoes. I look forward to seeing you this summer.

Sincerely,

Phyllis Hillis
Calculus Instructor

2016 CALCULUS INSTITUTE SURVEY

Please complete and bring to our first class meeting.

1. Name _____

Home Address _____

Phone # () _____

School _____

Address _____

Phone # () _____

3. Tell me about your school: Enrollment _____, Grades _____,

% of graduates who attend college _____

Other interesting facts?

4. Tell me about your mathematics program: No. of teachers _____

Do you track (level) your courses? _____

What are your course prerequisites for AP Calculus?

Your address while at this institute

(if not at home address):

phone #:

5. Tell me about your calculus program: No. of students _____

How do you select students for calculus?

Advanced Placement Calculus AB? BC? _____

Textbook: _____

What technology is available for use in the classroom?

Other interesting facts about your calculus course:

6. Topic(s) in Calculus I like best to teach (if you have not taught Calculus yet, what topics seem more comfortable to you):

7. Topic(s) in Calculus I like least to teach (if you have not taught Calculus yet, what topics seem more distant or uncertain to you):

8. We will be discussing issues related to the teaching of AP Calculus such as homework, grading, AP exam or not, etc. Please add your concerns or interest in discussion to our list:

9. I have brought, for sharing, the following materials:

10. What are you expectations for this week?
